

CURRICULUM VITAE (CV) - *MOHSEN ISLAM KHAN, PE PMP®*

1. **Proposed Position:** Contracts Specialist / Procurement & Contracts Management Specialist

2. **Name of Firm** N/A

3. **Name of Expert:** Mohsen Islam Khan

4. **Current Residential Address:** House No. 77 Street No. 03 Sector HH, Phase 4, DHA, Lahore, Pakistan – *Postal Code:* 54792

Telephone No.: +92-321-8041312

Fax No.: N/A

E-Mail Address: mohsinislamkhan@gmail.com

5. **Date of Birth:** October 10, 1984 **Citizenship:** Pakistani

6. Education

Sr.	Name of Institution	Degree Obtained	Date of Obtainment
1.	University of the Punjab, Lahore, Pakistan	Bachelor of Laws (L.L.B)	On-going (June 2021)
2.	National University of Science and Technology, Islamabad, Pakistan	Master's in Construction Engineering and Management	Jul 2014
3.	University of Engineering and Technology, Lahore, Pakistan	Bachelor's in Civil Engineering	Sep 2007

7. Membership in Professional Associations:

- Project Management Institute (PMI), USA – Project Management Professional
- Pakistan Engineering Council (PEC) – Professional Engineer
- Pakistan, Institute of Engineers Pakistan (IEP)
- Pakistan Society of Civil Engineers (PSCE)

8. Other Trainings

- Project Management Professional (PMP) from PMI, USA
- Accredited Mediator from National Center of Dispute Resolution, Karachi Pakistan
- Numerous Trainings on Procurement & Contracts Management.

9. Countries of Work Experience:

- Pakistan

10. Languages

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent
Punjabi	Excellent	Excellent	Excellent

11. Employment Record

From: May 2020 to May 2022

Employer: PMU, Punjab Intermediate Cities Improvement Investment Project (PICIIP) – ADB
Loan No. PAK-3562

Positions held: **Procurement & Contracts Management Specialist**

From: Dec 2017 to Date

Employer: Infrastructure Development Authority of the Punjab (IDAP), Government of Punjab,
Lahore Pakistan

Positions held: **Manager Contracts Administration**

From: Mar 2016 to Dec 2017

Employer: CBRE Corporate Outsourcing (Pvt) Ltd. Global Workplace Solutions, Karachi
Pakistan

Positions held: **Lead Regional Operations Manager** and then **Lead Project Manager**

From: Dec 2007 to Mar 2016

Employer: National Highway Authority (NHA), Government of Pakistan, Islamabad Pakistan.

Positions held: **Assistant Director (Engineer)**

From: Sep 2013 to Nov 2017

Employer: Independent Consultant (Self Employed) Part-Time.

Positions held: **Procurement & Contracts Expert**

12. Detailed Tasks Assigned	13. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned
<p>As Procurement & Contract Management Specialist for ADB Funded PMU of Punjab Intermediate Cities Improvement Investment Project (PICIIP) – ADB Loan No. PAK-3562 (<u>110 Days of Intermittent Input spread over 2x Years</u>)</p> <p>Objective/Purpose of the Assignment: The objective of the consulting assignment is to assist the Executing Agencies/Implementing Agencies in improving the efficiency of procurement processes of the urban infrastructure schemes to be financed under PICIIP and responsible for assisting the client in all procurement, reporting and progress matters.</p> <p>Detailed Tasks:</p> <ul style="list-style-type: none"> • Prepare bidding documents for the procurement of goods and civil works contracts related to potential investments under the project including water supply, sanitation wastewater, solid waste, solid waste, parks, green belts, bus terminals, improvement of roads, footpaths etc. and equipment in accordance with ADB Procurement Guidelines (April 2015 and as updated from time to time). In preparation of such documents, ensure that the scope of bid, evaluation and qualification criteria and employer's requirements are 	<p>Lead the Procurement & Contract Management of following for PMU PICIIP:</p> <ul style="list-style-type: none"> • PICIIPCons_03: Operational design and business model (ODBM) consultant • PICIIPCons_04: Audit and finance consultant • PICIIP-03-Sahiwal Water and Sanitation – NCB Works (4x Lots) • PICIIP-08-Sahiwal Wastewater Treatment Plants – ICB Works • PICIIP-11-Sialkot Water and Sanitation - NCB Works (4x Lots) • PICIIP-012-Sialkot Wastewater Treatment Plants – ICB Works • PICIIP-24-PMU Establishment – Procurement of General Office, IT Equipment, Furniture and Fixtures, Office Repair and Communication & Media Equipment – Shopping Method

<p>adequately covered in the bidding documents. Assist PMU in seeking ADB's approval of the bidding documents.</p> <ul style="list-style-type: none"> • Conduct pre-bid meetings, prepare clarification of bid documents, and amendments to the bid documents • Assist PMU/procurement committees in bid evaluation process, from bid opening, bid evaluation and preparation of bid evaluation reports (BER). Assist PMU in seeking ADB's approval of the BER for procurement of subprojects (Works and Goods). • Assist PMU development of ToRs for recruitment of Individual Consultants and Firms. • Assist PMU in preparing submissions for engaging individual consultant(s) and firms under PICIIP and provide technical guidance and advice, as appropriate, in accordance with ADB Guidelines on the Use of Consultants by Asian Development Bank and Its Borrowers (2013, as amended from time to time). • Assist the PMU to procure office vehicles, supplies and equipment using shopping procedures. • Assist PMU in preparation of the necessary documentation for contract signing; and consultant and contractor/supplier mobilization. • Assist the PMU in annual review of the Procurement Plan and updating. • Assist to monitor project and procurement activities and reflect any red flags in advance. • Assistance in contract administration of all the works/supply contracts, advising PMU for timely contractual actions related to cost, time, and quality controls and finishing of the contracts. • Assist in reviewing and assessing any contract variations (design change, extension of time, and other variations) and processing them as required by the contract provisions and ADB procedures, visiting project sites and participating in relevant meetings if necessary. • Assist in managing and monitoring ongoing contracts with the consultants and contractors. • Assist in concluding contract completion/closing activities including release of retention money, performance securities, etc. • Assist in constitution of Dispute Boards (DBs) for all the civil work contracts. Provide inputs to periodical and annual reports as required. • Assist PMU in preparing in CAD projections; and develop and update S-Curve on regular basis Prepare capacity building program to strengthen the PMU/CIUs capacity undertaking procurement and provide support in contracts management related matters. 	<ul style="list-style-type: none"> • PICIIP-25-Miscellaneous Goods for Water & Sanitation and SWM – Shopping Method • PICIIP-26-Miscellaneous Civil Works for STP site Sahiwal (boundary wall, sheds etc.) – Shopping Method. • PICIIP-27- Miscellaneous Civil Works for SWM Site Sahiwal (parking sheds, stores etc.) – Shopping Method. • PICIIP-28-Miscellaneous Civil Works for STP site Sialkot (boundary wall, sheds etc.) – Shopping Method. • PICIIP-29- Miscellaneous Civil Works for SWM Site Sialkot (parking sheds, stores etc.) – Shopping Method.
<p>As Manager Contracts Administration @ IDAP</p> <ul style="list-style-type: none"> • Established effective schedule controls, budget & cost controls, reporting management, information management, document control, program control & contract administration through project controls team. 	<p><u>Projects & Achievements</u></p> <ul style="list-style-type: none"> • Construction of 100 Bed Mother & Child Care Hospital in Murree as Contracts Administrator (PKR 4570 Million)

<ul style="list-style-type: none"> Analyzed contract requirements, special provisions, terms & conditions to ensure compliance with appropriate laws, regulations, corporate policies & business unit procedure. Developed & implemented Risk Management System to manage contractual risks. Communicated contract policy & practice to internal business teams. Reviewed contracts, approval & execution in accordance with corporate &/or business unit guidelines. Performed contract closeout activities & developed Closeout SOP for effectively closing a project. Prepared, reviewed & negotiated terms & conditions for subcontract, teaming & non-disclosure agreements. Maintained records of all executed agreements & any changes/deviations, amendments & clarifications to them. Directly responsible for the collation & recording of the proposed change, variation order, & claim status for all the consultant & contractor contracts respectively. Process lead for reviewing & verification of Interim Payment Certificates (IPC) for Consultants & Contractors. Directly responsible for the development & implementation of cost control procedures & cost control reports. Developed & implemented Roles & Responsibility Matrix to develop clear visibility among all internal & external stakeholders. Effectively managed Contracts based on FIDIC 87' Red Book, FIDIC 99' Red Book, FIDIC 99' Silver Book & FIDIC 87' Yellow Book. 	<ul style="list-style-type: none"> Revamp of 56 DHQ – THQ Hospitals of Punjab [10x Construction Contracts & 5x Consultancy Contracts] as Contracts Administrator (PKR 7500 Million) Lahore Knowledge Park Package – I as Contracts Administration (PKR 686 Million) Construction of Mother and Child Hospital and Nursing College in Mianwali as Contracts Administration (PKR 2804 Million) <p>Achievements:</p> <ul style="list-style-type: none"> Appointed as the Lead Contract Administrator as an additional charge to head the Contract Administration Section in IDAP. Substantiated savings of PKR 118 Million through the scrutiny of IPCs Resolution of disputes & claims resulted in approximate savings of PKR 120 Million. Received cash reward for excellent performance.
<p>As Lead Project Manager & Lead Regional Operations Manager @ CBRE</p> <ul style="list-style-type: none"> “Health Safety Security & Environment” (HSSE) lead for CAPEX. Delivered the CAPEX prog of USD 8.6 Million in 2016. Executed building proj, fuel tank installation proj, asset integrity projects etc. Exhibited Program Leadership and appointed as Team Lead for Country Projects Groups (CPG), a bespoke PMO on a country level. Developed & established Project Controls Department & established controls over project master schedules, costs, communication & scope in order to keep Schedule Slippages under check. Negotiated in detail the new contracts between Shell & CBRE. Lead weekly & monthly meetings with client & CBRE global team to appraise the project status. Closely liaise with Global Legal Team of CBRE for finalization of contract & negotiations with the client. Pro-actively manage the supplier base, ensure regular project meetings are convened to manage work & performance. 	<p><u>Projects & Achievements</u></p> <p>Managed engineering projects of more than 8 Million USD per year across Pakistan on more than 700 Fuel Retail Stations.</p> <p>Achievements: Winner – 2016 Annual Above & Beyond Award from CBRE PK & endorsed by Shell. Winner – 3rd Quarter 2016 Above & Beyond Reward from CBRE PK endorsed by Shell's Global Engg Lead. Successfully met budget & schedule targets on more than 90% of the projects. Trained sub-ordinates & technicians on Shell Standards & Project Management.</p>

<ul style="list-style-type: none"> • Work pro-actively with the 'Centre of Excellence' (COE) to ensure knowledge sharing & implementation of best practices. • Lead a team of 8 professionals in addition to leading CPG and effectively managed Project Teams. • Responsible for projects performance across Key Performance Indicators band. • Developed and monitored Work Breakdown Structure (WBS) on program and portfolio level to keep all stakeholders on the same page. • On a monthly basis provided performance reports to Global CBRE & Shell team explaining variances & planned actions. • Managed operations & maintenance of 780 Shell Fuel Retail Stations across Pakistan. • Engaged in contract management activities to actively manage suppliers & support the procurement regarding 'spot buys'. • Developed & implemented program wide Procurement Strategy to ensure Just-in-Time Procurement. • Made operational analysis to propose strategic steps to improve operations & maintenance. • Liaising with the Project Management Company (PMC) to ensure minimum disruption & the equipment data is updated into MAXIMO. • Owned the profit & loss (P&L) of the Operations Unit (OU) & was responsible for the financial performance of the OU. • Successfully met budget & service level agreements (SLA) targets & Introduced innovation, best practices & generated savings that earned CBRE PK the bonus of 15%. • Successfully negotiated the KPI performance scorecards & local contracts with the client. 	
<p>As Assistant Director Engineer in NHA, Pakistan</p> <p>Responsibilities in Public-Private Partnership (PPP) Projects.</p> <ul style="list-style-type: none"> ▪ Drafting, scrutiny & review of Concession Agreement (CA), black-lining & red-lining of the CA & services contracts ensuring value addition & sharing of risks as agreed. ▪ Maintain interface with the legal experts; if required, to address the legalities involved in the CA. ▪ Formulated Standard CA & Standard RFP Documents to be used for future projects. ▪ Conducted & chaired extensive negotiations sessions with the successful bidders to negotiate & formalize the CA. ▪ Conducted procurement for works & services for Public-Private Partnership Projects; also developed Program Procurement Strategies based on World Bank Guidelines. ▪ Conducted Pre-Bid meetings & Developed Risk Assessment Matrix for CA of major projects & 	<p><u>Projects & Achievements</u></p> <ul style="list-style-type: none"> ▪ Overlay & Modernization of Lahore - Islamabad Motorway (M-2) on BOT Basis 357 Km (PKR 46 Billion) ▪ Conversion of Existing 4 Lane Karachi – Hyderabad Superhighway to Motorway (M-9) on BOT Basis 136 Km (PKR 44 Billion) ▪ Construction of Karachi Lahore Motorway (KLM) on BOT Basis 572 Km. (PKR 348 Billion) ▪ Khuzdar – Shahdadt Section of Motorway M-8 146 Km (PKR 6.06 Billion) ▪ Gawadar – Turbat – Hoshab Section of Motorway M-8 193 Km (PKR 8.46 Billion)

<p>developed templates to monitor the probability & impact of major risks.</p> <ul style="list-style-type: none"> Prepared & implemented work breakdown structure (WBS), program master schedule, issued monthly updates of program schedule, analyzed resource loaded schedules & issued monthly updates. <p>Responsibilities in EPC & Unit Price Construction Projects</p> <ul style="list-style-type: none"> Based on the EVMS, proposed actions for meeting schedule & budget targets, improved project performance by more than 30%. Management, scrutiny & review of claims, counterclaims, & evaluation submitted by the contractor. Represented Client in many Arbitration wherein the disputes were finally settled in the favor of the Client. Part of the Central Dispute Resolution Committee at NHA HQ Islamabad to resolve contractual disputes in advance stage. Managed 18 FIDIC based contracts on modern lines that considerably reduced scope creep, change requests, & claims. Established resolution of disputes through Alternate Dispute Resolution (ADR) i.e. Mediation, Conciliation & Arbitration that facilitated speedy resolution of long outstanding disputes. A dispute pending since 1996 was resolved in 2011 through mediation. Executed and implemented Project Baselines Schedules prepared on Primavera and ensured that through monitoring of critical paths of the project the schedule slippages are averted. Proposed & implemented scope adjustments as per site requirement & adjustment to schedule that resulted in saving of PKR 3 Billion & a considerable reduction in change requests. Championed Project Budget Management and Cost Control and Documentation Management. Calculated, Forecasted Cost Trends, Contingency Usage, Cost Projections & issuing reported to ensure budget management. Coordinated project activities on site, supervised civil works, ensure a smooth & timely progression of the project using Primavera. Managed EPC / Turnkey Contract for Civil Works (FIDIC Silver Book 1999) – The contractor M/s CRBC, one of the top highway construction companies of China & resolved all the disputes on site, amicably without opting for Arbitration or Litigation. Monitored progress & issued progress reports, efficiency & productivity reports based on Earned Man Hour, Quantities & Actual Man Hour. 	<ul style="list-style-type: none"> Construction of Highway from Surab to Hoshab N-85, 454 Km (PKR 22.41 Billion) Improvement of Raikote – Khunjerab Section of Karakoram Highway (KKH) N-35, 335 Km [EPC / FIDIC Silver Book Based] (PKR 33 Billion) Other projects of roads, flyover, bridges, underpasses (PKR 17.2 Billion) <p>Achievements:</p> <ul style="list-style-type: none"> Commendation for Outstanding Contribution to Overlay & Modernization of Lahore – Islamabad Motorway (M-2) on BOT Basis. Souvenir from Lt. Gen Khalid Asghar, Engineer in Chief of Pakistan Army in July 2015 for finalizing M-9 Project on BOT/PPP basis. Received honoraria for successfully rolling out Motorway projects on BOT Basis. Trained NHA officers on PPP Policies, Guidelines, CA & Dispute Resolution Mechanism for PPP (BOT) Projects. Arranged several seminars/symposiums/conferences on using PPP mode of project delivery for infrastructure projects. Prepared Standard CA for NHA in consultation with legal counsels in the duration of less than 3 Months. Effectively managed claims & resulted in savings of more than PKR 160 Million. Resolved complex contractual issues, amendments to the contracts, evaluation & determination of basic price indices, price adjustment, extension of time, variation/change orders, payments & land acquisition claims that resulted in saving of PKR 130 Million
<p>As Part-Time Independent Consultant (Procurement & Contract Expert)</p>	<p><u>Projects & Achievements</u></p>

<p>Techno – Legal Expert for PPP Projects</p> <ul style="list-style-type: none"> Contributed to procurement & contract formulation for "Construction of Swat Motorway on Public-Private Partnership Basis" undertaken by Government of Khyber Pakhtunkhwa (GoKP), Pakistan. Having vast & in-depth knowledge of construction contracts & procurement of works on PPP & more conventional project delivery methods, I was onboarded as Contracts Expert & following were the services rendered by me: <ul style="list-style-type: none"> Formulation of PPP Policy for GoKP, Standardization of Concession Agreement, Finalization of Concession Agreement & Negotiation of Concession Agreement with the Concessionaire Assistance in Procurement of works. Also trained & headed professional development of PPP Professionals of GoKP. <p>Procurement & Contracts Expert for M/s China State Engineering & Construction Corp.</p> <ul style="list-style-type: none"> Responsible for all contractual & legal correspondence on behalf of the contractor for EPC Projects. Formulation & serving notices, without delay, that established the contractor's right to claim additional time/cost. Monitoring of crucial timelines under the contract to foresee the triggering of critical events especially for EPC Projects. Preparation of time extension & variation/scope change cases; that was subsequently approved by the Client. Implemented Program Procurement Strategy in light of guidelines of World Bank & Asian Development Bank. Developed & implemented Integrated Information Management System for Airport Project. Provided technical & contractual assistance during Arbitration & Litigation & substantiation of Claims. Cross Level Resources Optimization strategy among Airport & other Projects 	<ul style="list-style-type: none"> Construction of Swat Motorway on BOT Basis (PKR 69 Billion) Construction of Centaurus Mixed Used Building Project (USD 225 Million) Construction of New Islamabad Airport Terminal Building Package – III [EPC / FIDIC Silver Book Based] (USD 192 Million)
<p>As Independent Researcher</p>	<p>Journal Publication:</p> <ul style="list-style-type: none"> Khwaja Mateen Mazher, Albert P.C. Chan, Hafiz Zahoor, MOHSEN ISLAM KHAN & Ernest Effah Ameyaw. <u>"Fuzzy Integral-Based Risk-Assessment Approach for Public-Private Partnership Infrastructure Projects"</u>. Journal of Construction Engineering & Management, American Society of Civil Engineers, USA [https://doi.org/10.1061/(ASCE)CO.1943-7862.0001573] Research on "International & Local Arbitration Laws" & "Differences

	between FIDIC 92 & FIDIC 99 forms of Contract for Civil Works
Resolution of Construction Disputes through Arbitration	<p>Represented IDAP and NHA in following arbitrations:</p> <ol style="list-style-type: none"> 1. IDAP vs Guarantee Engineers on Recep Tayyip Erdogan Hospital Muzaffargarh. Deduction from Payments against Audit Observations 2. IDAP vs ZKB–Reliable JV on Lahore Knowledge Park Package – 1. Dispute Regarding Lead of Earthwork 3. IDAP vs IKAN-FCC JV on Mother & Childcare Hospital Murree. Dispute Regarding Deduction of Sales Tax 4. NHA vs Zarghoon International on Ghara – Ketu Bunder Road Project. Dispute Regarding Rates of Varied Items of Earthwork 5. NHA vs Interconstruct on D.G. Khan to Q. Saifullah Sec of N-70, Dispute Regarding Termination Payments & Release from Performance. 6. NHA vs Stratus-IRDO JV on Dalbandin Naukandi Road Project. Dispute Regarding Entitlement of Bonus
Visiting Faculty Member and Guest Speaker	<ul style="list-style-type: none"> • As Visiting Faculty conducted 3.00 Credit Hours course of Project Planning & Control for Master's in Project Management in University of Management Technology Lahore. • As Guest Speaker, delivered numerous lectures on Safety Management, Contracts Management, Claims Management & Project Management in NUST, NHA, PMI – Islamabad Ch etc.

14. Certification:

I, the undersigned, certify to the best of my knowledge and belief–

- (i) this CV correctly describes my qualifications and my experience
- (ii) I am employed by the Executing or the Implementing Agency
- (iii) I am a close relative of a current World Bank staff member
- (iv) I am the spouse of a current World Bank staff member
- (v) I am former World Bank staff member.

Yes No

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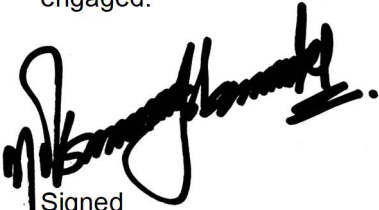
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- If yes, I retired from World Bank over 12 months ago ☐ ☒
- (vi) I am part of the team who wrote the terms of reference for this consulting services assignment. ☐ ☒
- (vii) I am sanctioned (not eligible for engagement) by World Bank. ☐ ☒

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.



Date: 2020

Signed
Mohsen Islam Khan
House No. 77 Street No. 03 Sector HH
Phase IV DHA, Lahore Cell No. +92 321 804 1312